

Abstract of the Disclosure

M DSL Modems provide DSL service to N Customer Premise Equipment devices, wherein M is less than N. P OAM/EOC Modems maintain active DSL lines for the N-M=P Customer Premise Equipment devices not receiving DSL service. The OAM/EOC Modems communicate synchronization data via superframes with the P Customer Premise Equipment Devices. Requests to send and receive data are embedded within the superframes. A switch in communication with the DSL Modems and OAM/EOC Modems connects the DSL Modems and OAM/EOC Modems to respective Customer Premise Equipment devices in response to the requests to send and receive data.

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